

<p>Cumbria flood action plan</p> <p>Glenridding community action table</p> <p>The purpose of this action table is to highlight the flood management that is currently in place and the specific actions that are happening or proposed within Cumbria flood action plan for this community.</p> <p>Please read this table in conjunction with the full Cumbria flood action plan and summary document, which can be found online by visiting www.gov.uk and searching Cumbria flood action plan.</p>	<p>Glenridding better protected</p> <p>1) Do Now (within next 12 months):</p> <ul style="list-style-type: none"> • Complete repair and recovery work • Set up temporary defences and pump deployment plan before winter 2016 • Complete Emergency Plans • Publish and review flood investigation report • Initiate development of flood risk management improvement works <p>2) Develop (2-5 years):</p> <ul style="list-style-type: none"> • Improvements to flood risk management assets and watercourses in response to the flood investigation report. • Continue to support sharing knowledge and best practice through the network of Community Action Groups <p>3) Explore (5+ years):</p> <ul style="list-style-type: none"> • Implement opportunities for natural flood risk management and engineered storage upstream of Glenridding and Hartsop
<p>Catchment: Eden</p> <p>Impact of December 2015 flood: Approximately 27 homes and businesses were flooded.</p> <p>Description: Glenridding is a small, mainly tourist village at the southern end of Ullswater, near the foot of Kirkstone Pass. Glenridding sits on the shore of Ullswater and has a history as a mining village. With the lead mining industry gone, the area is now mainly for the tourists who come to view one of the most beautiful areas in the Lakes</p> <p>Glenridding will be a pilot area for the community-focussed, catchment based approach.</p>	

	What's already in place	What we're going to do and what this will achieve	When this work will take place	Who's responsible for this work	How much will it cost/ Sources of funding
<p>Strengthening flood defences</p> 	<p>Flooding in Glenridding is reduced by over 140m of floodwall.</p>	<p>Improved defences</p> <p>Review the recommendations from the Section 19 Flood Investigation Report and National Resilience Review to develop integrated flood risk management solutions. Although there may be no funding identified in the currently consented FDGiA Investment Programme, we will submit a bid for funding for viable projects identified following a review of the recommendations at the earliest opportunity, as part of the annual FDGiA Investment Programme refresh and/or when other appropriate sources of funding are made available.</p> <p>Provide access to additional national mobile defences</p> <p>Repairing damages from Storm Desmond</p> <p>Work ongoing: Reinstate river channel bank</p>	<p>Flood Investigation Report due summer 2016</p> <p>Available before winter 2016</p> <p>Short term - by October 2016</p>	<p>Environment Agency</p>	<p>£125,000 from central government</p>

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		<p>Modelling and forecasting post-event model re-runs</p> <p>Update the river level model with the most recent flow data available from Storm Desmond to develop and support any future schemes.</p>	Short term (within next 12 months)	Environment Agency	£70,000 (Cumbria wide spend)
		<p>Understanding Bridges</p> <p>Review the role that bridges play in flood risk and their vulnerability during a flood</p>	Short term – strategic review within the next 12 months	Cumbria County Council Environment Agency	
<p>Upstream management</p> 	<p>Currently there is limited use of Upstream Management in the sub-catchments upstream of Glenridding.</p>	<p>Explore opportunities for engineered and natural flood management solutions to be used upstream of Glenridding in order to 'slow the flow' and manage peak river levels.</p> <p>As a pilot Glenridding's potentially suitable natural flood management techniques include vegetation and soil management.</p>	Medium term (5 years) or long term (over 5 years)	Farmers Landowners Community Groups Trusts	
		Identify target areas where woodland creation and changes in woodland management could reduce flood risk within the four pilot catchments	Short Term - June 2016 - December 2016	Forestry Commission Environment Agency Natural England community action groups and parishes	
<p>Maintenance</p> 	<p>Flooding in Glenridding is reduced by over 140m of floodwall.</p> <p>These assets and the river channel are maintained by the Environment Agency on an ongoing basis. This includes managing vegetation and removing gravel. The flood wall, embankment and other structures are also inspected and any necessary works carried out.</p> <p>The planned maintenance programme is available at: https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</p> <p>Cumbria County Council maintains the ordinary watercourses, surface water drainage and highway drainage.</p>	<p>New Environment Agency system will make it easier for communities to understand maintenance in their area. Improvements will show exactly when, where and what maintenance is being planned each year.</p> <p>Make sure that communities understand how they can access information on planned maintenance at: https://www.gov.uk/government/publications/river-and-coastal-maintenance-programme</p>	Short (within next 12 months)	Communities Environment Agency Parish and district Councils	
<p>Resilience</p> 	<p>The Patterdale Parish Community Flood Group is an active group. The group with the support of the Environment Agency is currently developing an Emergency Plan.</p>	<p>Work with the group and Parish Council to ensure that they are able to continue into the future.</p> <p>Continue to work with communities to establish network of Emergency Groups to share learning and best practice.</p>	Emergency Plan to be in place before winter 2016.	Environment Agency (Flood Warning & Community Resilience) Communities Parish & District Councils Local Government	Local Levy, central government funding (Flood Defence Grant in Aid

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	Glenridding currently receive flood alerts, however the nature of the catchment and rapid response (flashy) watercourses does not allow enough time for effective flood warnings to be issued.	Work with the Community Action Group to develop a system of community based monitoring that will provide a better system of flood warnings.	Before winter 2016 / complete		
	Eden District Council is administering flood recovery and resilience grants.	Provide additional support to DCLG and Local Authorities to improve the uptake of the £5,000 Government resilience grants to help people better protect their homes. Applications can be made up until December 2016. A further £2,000 top up grant can also be applied for from the Cumbria Flood Recovery Fund.	Closing date for Grant applications – end of December 2016		Resilience grants of £5k per property
		Carry out further investigations with respect to the feasibility of local temporary defences and pumping, with the aim of having plans prepared for Winter 2016. With the outcome to increase resilience in communities where either there are no formal defences in place or where additional contingency is required.	Before winter 2016	Environment Agency	
Water Level Management Boards 	There are no Water Level Management Boards in this area				